

**REMARKS**

The Examiner is thanked for issuing the Notice of Allowability, which was mailed on February 13, 2006.

**I. STATUS OF CLAIMS**

Claim 29 has been amended herein. No claims have been added or canceled.

The Applicant believes that the Examiner's Amendment to Claim 29 includes what appears to be a typographical error. Specifically, the Examiner's Amendment to Claim 29 states that "In Claim 29, line 13, 'action.' has been changed to --action; and routing said ...." (Notice of Allowability, page 3; emphasis added.) The Applicant notes that Claim 29 includes the term "action" at both line 13 and line 15. Thus, it appears that in the above statement "line 13" is erroneously typed instead of "line 15" since the Examiner's Amendment only makes sense if the feature of "routing said data packet at one or more output interfaces on said router or switch based on the looked up information" is added after the term "action" in line 15.

For this reason, the Applicant does not accept the Examiner's Amendment to Claim 29; instead, the Applicant provides herein an amendment to Claim 29 that avoids the above typographical error.

The Examiner's Amendment to Claims 16, 28 and 30 is correct. For this reason, the listings of Claims 16, 28, and 30 in this communication include the Examiner's Amendment, and the status of Claims 16, 28, and 30 is reflected as "Previously Presented".

**II. CONCLUSION**

The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.

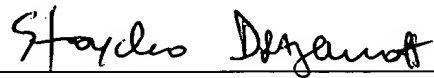
To the extent necessary to make this reply timely filed, the Applicant petitions for an extension of time under 37 C.F.R. § 1.136.

If any applicable fee is missing or insufficient, throughout the pendency of this application, the Commissioner is hereby authorized to charge any applicable fees and to credit any overpayments to our Deposit Account No. 50-1302.

Respectfully submitted,

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